

Patent Claims

1. A power breaker having a withdrawable-part rack which can be arranged in a switchgear assembly and having a latching device for the purpose of latching the power breaker in the withdrawable-part rack in a latched position, it being possible for the latching device to be actuated by a drive arrangement, in particular by a switching shaft of the power breaker, characterized in that the latching device (18) comprises two latching bolts, which can be displaced essentially axially in opposing directions of action and which can be brought into interlocking connection with the withdrawable-part rack.

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2. The power breaker as claimed in claim 1, characterized in that the latching device (18) comprises at least one actuating element (20), which is connected to the switching shaft such that it is fixed against rotation and by means of which the latching device (18) can be brought into the latched position or into the unlatched position.

3. The power breaker as claimed in claim 2, characterized in that the actuating element (20) is a gear or a gear segment (26) which meshes with a toothed rod section (28) of the latching bolts (22, 22').

4. The power breaker as claimed in claim 2, characterized in that the actuating element (20) is a crank arrangement (36), which is in engagement with a link guide (38) of the latching bolts (22, 22').

5. The power breaker as claimed in claim 2,

characterized in that the actuating element (20) is
connected to the

latching bolt (22, 22') via open or closed cam disks.

6. The power breaker as claimed in claim 2, characterized in that the actuating element (20) is
5 connected to the latching bolts (22, 22') by means of a cable pull, a Bowden cable or the like.

7. The power breaker as claimed in one of the preceding claims, characterized in that the latched
10 position of the latching device (18) is reached before primary arcing contact of the power breaker (10) is effective.